

said pad having a first side and a second side, said first side capable of being secured to a curved surface of a lens tool when the pad is in use, and

said second side having a substantially smooth surface comprising a multiplicity of holes or recesses substantially uniformly distributed over an entirety of said second side surface, said holes or recesses being at least an order of magnitude smaller than the intermediate lens pad,

whereby a lens surfacing pad having a peel-off adhesive on one side and a working surface on its other side, can be secured by said adhesive side to said intermediate lens pad so as to inhibit relative movement between said intermediate lens pad and said lens surfacing pad during surfacing, while allowing ready manual removal of the surfacing pad for replacement by a different surfacing pad.

4. (Amended) ~~An intermediate lens pad according to claim 1, wherein the intermediate lens pad comprises a plastic material.~~

8. (Amended) ~~An intermediate lens pad comprising~~

a plurality of slots spaced apart around the center of the pad, extending radially from positions spaced from the center of the pad and extending upwardly so as to be open at the periphery of the pad to enable the pad to follow the curvature of a lens tool,

said pad having a first side and a second side, said first side capable of being secured to a curved surface of a lens tool when the pad is in use, and

~~said second side having a substantially smooth surface defined by outer surfaces~~
of a multiplicity of protuberances substantially uniformly distributed over said second side
surface such that the distance between adjacent protuberances is an order of magnitude
smaller than the intermediate lens pad,

whereby a lens surfacing pad having a peel-off adhesive on one side and a
working surface on its other side, can be secured by said adhesive side to said intermediate
lens pad so as to inhibit relative movement between said intermediate lens pad and said lens
surfacing pad during surfacing, while allowing ready manual removal of the surfacing pad
for replacement by a different surfacing pad.

~~11. (Amended) An intermediate lens pad according to claim 8, wherein the~~
~~intermediate lens pad comprises a plastic material.~~

Please add new claims 15-18, as follows:

~~15. (New) A lens tool assembly comprising:~~

a lens tool having a curved surface;

an intermediate lens pad secured with adhesive to said curved surface of the lens
tool; and

a lens surfacing pad having one side provided with an adhesive layer by which

~~said lens surfacing pad is secured to said intermediate lens pad,~~

wherein the intermediate lens pad has a plurality of slots spaced apart around the center of the pad, extending radially from positions spaced from the center of the pad and extending outwardly so as to be open at the periphery of the pad to enable the pad to follow the curvature of the lens tool, and wherein an outer surface of the intermediate lens pad is substantially smooth and comprises a multiplicity of holes or recesses, substantially uniformly distributed over an entirety of the outer surface, said holes or recesses being at least an order of magnitude smaller than the intermediate lens pad.

16. (New) A method of surfacing a lens, said method comprising:


securing an intermediate lens pad to the curved surface of a lens tool;

peeling off a protective cover from an adhesive layer on one side of a lens surfacing pad and securing the lens surfacing pad with the adhesive layer to an upper surface of the intermediate lens pad;

surfacing a lens with a working surface of the lens surfacing pad, the adhesive layer inhibiting relative movement between the intermediate pad and the lens surfacing pad during surfacing, while facilitating ready manual removal of the surfacing pad for replacement by a different surfacing pad; and

effecting such removal and replacement, and surfacing the lens or a different lens using the working surface of the replacement pad,

wherein the intermediate lens pad has a plurality of slots spaced apart around the center of the pad, extending radially from positions spaced from the center of the pad and extending outwardly so as to be open at the periphery of the pad to enable the pad to follow the curvature of the lens tool, and wherein an outer surface of the intermediate lens pad is substantially smooth and comprises a multiplicity of holes or recesses substantially uniformly distributed over an entirety of the outer surface, said holes or recesses being at least an order of magnitude smaller than the intermediate lens pad.



AL 17. (New) A lens tool assembly comprising:

a lens tool having a curved surface;

an intermediate lens pad secured with adhesive to said curved surface of the lens tool; and

a lens surfacing pad having one side provided with an adhesive layer by which said lens surfacing pad is secured to said intermediate lens pad,

wherein the intermediate lens pad has a plurality of slots spaced apart around the center of the pad, extending radially from positions spaced from the center of the pad and extending outwardly so as to be open at the periphery of the pad to enable the pad to follow the curvature of the lens tool, and wherein an outer surface of the intermediate lens pad is substantially smooth and is defined by outer surfaces of a multiplicity of protuberances substantially uniformly distributed over the outer surface such that the

distance between adjacent protuberances is an order of magnitude smaller than the intermediate lens pad.

18. (New) A method of surfacing a lens, said method comprising:

securing an intermediate lens pad to the curved surface of a lens tool;

peeling off a protective cover from an adhesive layer on one side of a lens surfacing pad and securing the lens surfacing pad with the adhesive layer to an upper surface of the intermediate lens pad;

surfacing a lens with a working surface of the lens surfacing pad, the adhesive layer inhibiting relative movement between the intermediate pad and the lens surfacing pad during surfacing, while facilitating ready manual removal of the surfacing pad for replacement by a different surfacing pad; and

effecting such removal and replacement, and surfacing the lens or a different lens using the working surface of the replacement pad,

wherein the intermediate lens pad has a plurality of slots spaced apart around the center of the pad, extending radially from positions spaced from the center of the pad and extending outwardly so as to be open at the periphery of the pad to enable the pad to follow the curvature of the lens tool, and wherein an outer surface of the intermediate lens pad is substantially smooth and is defined by outer surfaces of a multiplicity of protuberances substantially uniformly distributed over the outer surface such that the